

Property of the United States Government.

TREASURY DEPARTMENT.—PUBLIC HEALTH AND MARINE HOSPITAL SERVICE



PUBLIC HEALTH REPORTS

Published in accordance with act of Congress approved
February 15, 1893

VOL. XXIII

MARCH 13, 1908

No. 11

WASHINGTON
GOVERNMENT PRINTING OFFICE

1908

NOTICE.

Any person on the mailing list of the **PUBLIC HEALTH REPORTS** who at any time fails to receive promptly this publication will confer a favor by notifying the Surgeon-General of the Public Health and Marine-Hospital Service.

CONTENTS.

UNITED STATES.

	Page.
Reports from San Francisco, Cal.—Status of plague—Plague-prevention work at San Francisco, Oakland, Point Richmond, and Emeryville, Cal.....	303
Outgoing quarantine transactions.....	304
Report from Seattle, Wash.—Plague-prevention work.....	304
Statistical reports of morbidity and mortality, States and cities of the United States—untabulated	304
Smallpox in the United States.....	308
Plague in the United States	314
Yellow fever in the United States	314
Weekly morbidity and mortality table, cities of the United States.....	315

FOREIGN AND INSULAR.

Barbados: Reports from Bridgetown—Yellow fever.....	318
Brazil: Report from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox—Mortality from plague, smallpox, and yellow fever, 1905, 1906, and 1907.....	318
China: Reports from Hongkong—Quarantine restrictions—Plague and smallpox	319
Cuba:	
Report from Cienfuegos—Inspection and fumigation of vessels.....	319
Reports from Habana—Inspection and fumigation of vessels—Death of yellow fever case at Santa Clara—Summary of yellow fever in Cuba, period January 1–February 26, 1907 and 1908.....	319
Report from Matanzas—Inspection of vessels.....	320
Report from Santiago—Inspection and fumigation of vessels—Work of fumigation continued	320
Hawaii: Report from Honolulu—Case of plague at Hilo bacteriologically confirmed—Examination of rats for plague infection.....	320
India:	
Reports from Calcutta—Transactions of Service—Cholera, plague, and smallpox	320
Ordinance relative to lepers.....	321
Italy: Report from Naples—Inspection of vessels—Emigrants recommended for rejection—Smallpox in Italy.....	321, 322
Japan:	
Reports from Yokohama—Inspection of vessels—Spread of smallpox.....	322
Emigrants recommended for rejection	322
Report from Nagasaki—Smallpox—Emigrants recommended for rejection.....	322
Mexico: Report from Coatzacoalcas—Inspection of vessels—Health of the port	322
Peru: Report from Callao—Inspection and fumigation of vessels—Campaign at Callao against plague not continued—Status of plague in Peru—Plague at Chilean ports	323

	Page.
Philippine Islands:	
Reports from Manila—Improvement in cholera situation in Manila and vicinity—Modification of interisland quarantine—Outbreak of cholera in province of Zambales—Smallpox on vessels from ports in Japan—Inspection of vessels.....	323
Quarantine transactions, month of December, 1907.....	325
Venezuela: Yellow fever at Ciudad Bolivar	326
Foreign and insular statistical reports of countries and cities—untabulated ...	327
Cholera, yellow fever, plague, and smallpox tables	329
Weekly mortality table, foreign and insular cities	334

PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Reports from San Francisco, Cal.—Status of plague—Plague-prevention work at San Francisco, Oakland, Point Richmond, and Emeryville, Cal.

Passed Assistant Surgeon Blue reports, February 22:

The case of a girl, aged 8 years, nativity California, was clinically verified February 17 as plague. This case was taken sick December 15. It was originally reported January 2.

Total cases verified bacteriologically to date, 121; total cases verified clinically to date, 38; total deaths to date, 77.

Date of occurrence of last case, February 8. Date of finding of last infected rat, February 21.

Doctor Blue further reports plague-prevention work carried out at San Francisco, Oakland, Point Richmond, and Emeryville, Cal., during the week ended February 22:

SAN FRANCISCO, CAL.

Sick inspected.....	23
Dead inspected.....	98
Necropsies held.....	3
Premises inspected.....	10, 245
Houses disinfected.....	213
Houses destroyed.....	34
Buildings condemned.....	9
Nuisances abated.....	2, 408
<hr/>	
Rats found dead.....	375
Rats trapped.....	9, 915
Total rats taken.....	10, 290
<hr/>	
Rats identified:	
Mus alexandrus.....	21
Mus decumanus.....	7, 383
Mus rattus.....	132
Mus musculus.....	2, 461
Total.....	9, 997
<hr/>	
Bounty rats received.....	7, 888
Rats examined bacteriologically.....	2, 583
Rats infected with bacillus pestis.....	26

OAKLAND, CAL.

Sick inspected	202
Dead inspected	63
Premises inspected	703
Houses disinfected	9
Nuisances abated	75
Rats found dead	28
Rats trapped	565
Poisons placed	292, 000
Notices served	25
Rats examined bacteriologically	467
Rats infected with bacillus pestis	13
Certificates signed	8
Necropsies held	4

POINT RICHMOND, CAL.

Sick inspected	6
Dead inspected	6
Premises inspected	181
Nuisances abated	45
Rats found dead	57
Rats trapped	280
Poisons placed	7, 250

EMERYVILLE, CAL.

Premises inspected	26
Houses disinfected	3
Rats found dead	12
Rats trapped	88
Poisons placed	15, 680
Notices served	18

Outgoing quarantine transactions.

Passed Assistant Surgeon Hobby reports, February 27:

Week ended February 15:	
Vessels fumigated and certified	69
Vessels certified	44
Week ended February 22:	
Vessels fumigated and certified	70
Vessels certified	37

Report from Seattle, Wash.—Plague-prevention work.

Passed Assistant Surgeon Glover reports for the week ended February 22:

Rats delivered and cremated	731
Necropsies on rats	625
Pounds of poison placed	100
Vessels fumigated	5

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES
OF THE UNITED STATES—UNTABULATED.

CALIFORNIA.—Month of January, 1908. Estimated population, 2,001,193. Total number of deaths reported to the State board of health, 2,920, including diphtheria 48, enteric fever 37, measles 2, scarlet fever 10, plague 1, whooping cough 10, and 446 from tuberculosis.

CONNECTICUT—*Stamford*.—Month of February, 1908. Estimated population, 20,000. Number of deaths not reported. Cases: Diphtheria 1, measles 2, scarlet fever 1, whooping cough 3, and tuberculosis 4.

ILLINOIS—*Rockford*.—Month of January, 1908. Estimated population, 45,000. Total number of deaths not reported. Cases: Diphtheria 9, smallpox 14, and scarlet fever 3.

Month of February, 1908. Total number of deaths, not reported; one death from scarlet fever. Cases: Diphtheria 11, smallpox 16, and scarlet fever 5.

INDIANA—*Anderson*.—Month of February, 1908. Estimated population, 25,398. Total number of deaths, 15, including 5 from tuberculosis. Cases: Smallpox 2, tuberculosis 5.

Lafayette.—Year ended December 31, 1907. Estimated population, 23,000. Total number of deaths, 247, including diphtheria 2, enteric fever 2, measles 1, whooping cough 2, and 20 from phthisis pulmonalis. Cases: Diphtheria 12, enteric fever 11, measles 226, scarlet fever 4, smallpox 34, whooping cough 20, and tuberculosis 14. Annual death rate, 10.3 per 1,000 population.

Muncie.—Month ended March 3, 1908. Estimated population, 34,036. Total number of deaths, 27, including 2 from tuberculosis. Cases: Diphtheria 3, scarlet fever 3, measles 3, smallpox 7, and whooping cough 3.

IOWA—*Sioux City*.—Month of February, 1908. Estimated population, 50,000. Total number of deaths not reported: Two deaths each from measles and scarlet fever. Cases: Diphtheria 6, measles 30, scarlet fever 8, smallpox 26, whooping cough 5, and tuberculosis 1.

MICHIGAN.—Month of January, 1908. There were 3,097 deaths returned to the department of state as having occurred during the month of January, which corresponds to an annual death rate of 12.4 per 1,000 estimated population. There was an increase of 330 over December, but a decrease of 238 from the number returned for the corresponding month of 1907.

Important causes of death were as follows: Pulmonary tuberculosis, 184; other forms of tuberculosis, 26; typhoid fever, 32; diphtheria and croup, 44; scarlet fever, 33; measles, 11; whooping cough, 17.

MINNESOTA—*Stillwater*.—Month of October,^a 1907. Census population, 12,318. Total number of deaths, 5. No deaths nor cases of contagious disease.

Month of November, 1907. Total number of deaths, 8, including enteric fever 1 and 1 from tuberculosis.

^a Received out of regular order.

Month of December, 1907. Total number of deaths, 16, including enteric fever 1 and 3 from tuberculosis.

MONTANA.—Month of January, 1908. Estimated population, 280,000. Reports to the State board of health show as follows: Total number of deaths, 446, including diphtheria 15, enteric fever 8, scarlet fever 6, measles 2, whooping cough 3 and 24 from tuberculosis. Cases: Diphtheria 89, enteric fever 36, measles 54, scarlet fever 67, and smallpox 18.

Anaconda.—Month of January, 1908. Estimated population, 12,267. Total number of deaths, 15, including 2 from tuberculosis. Cases: Scarlet fever 3 and measles 4.

Billings.—Month of January, 1908. Estimated population, 4,000. Total number of deaths, 30, including diphtheria 2, enteric fever 3 and 1 from measles. Cases: Diphtheria 1 and measles 19.

Bozeman.—Month of January, 1908. Estimated population, 4,000. Total number of deaths, 6, including 1 from tuberculosis.

Great Falls.—Month of January, 1908. Estimated population, 21,500. Total number of deaths, 13, including enteric fever 1, tuberculosis 1, and 2 from scarlet fever.

Helena.—Month of January, 1908. Estimated population, 16,770. Total number of deaths, 32, including diphtheria 2 and 1 from enteric fever. Cases: Measles 1, scarlet fever 7, diphtheria 2, and smallpox 1.

Livingston.—Month of January, 1908. Estimated population, 3,500. Total number of deaths, 11. Cases: Diphtheria 3 and measles 2.

Missoula.—Month of January, 1908. Estimated population, 5,000. Total number of deaths, 24, including tuberculosis 1 and 1 from enteric fever. Cases: Diphtheria 6, enteric fever 6, measles 3, and smallpox 5.

NEW HAMPSHIRE—Concord.—Month of February, 1908. Estimated population, 20,000. Total number of deaths, 33, including diphtheria 2, and 3 from tuberculosis. Cases: Diphtheria 10, measles 1, scarlet fever 2, and tuberculosis 3.

Franklin.—Month of February, 1908. Estimated population, 6,000. Total number of deaths, 17. Cases: Diphtheria, 1.

NEW JERSEY—Morristown.—Month of February, 1908. Estimated population, 12,500. Total number of deaths, 28, including scarlet fever 2, whooping cough 3, and 2 from tuberculosis. Cases: Whooping cough 7, diphtheria 2, enteric fever 1, tuberculosis 4, and scarlet fever 9.

NEW YORK—Saratoga Springs.—Month of February, 1908. Estimated population, 11,222. Total number of deaths, 22, including 2 from tuberculosis. Cases: Diphtheria 2, scarlet fever 1, and tuberculosis 2.

Schenectady.—Month of February, 1908. Estimated population, 77,666. Total number of deaths, 80, including enteric fever 1, and 3 from tuberculosis. Cases: Diphtheria 21, enteric fever 2, measles 5, and scarlet fever 9.

OHIO—Ironton.—Month of February, 1908. Estimated population, 18,000. Total number of deaths, 19. No deaths from contagious diseases.

Toledo.—Year ended December 31, 1907. Estimated population, 179,381. Total number of deaths, 2,169, corresponding to an annual death rate of 12.09 per 1,000 of the population. Cases and deaths were reported as follows: Diphtheria, 215 cases, 26 deaths; enteric fever, 184 cases, 56 deaths; measles, 1,406 cases, 9 deaths; scarlet fever, 128 cases, 5 deaths; smallpox, 71 cases and no deaths.

Zanesville.—Month of February, 1908. Estimated population, 26,000. Total number of deaths, 45, including enteric fever 3 and 4 from tuberculosis. Cases: Enteric fever 17, scarlet fever 6, and smallpox 2.

PENNSYLVANIA—Dunmore.—Month of February, 1908. Estimated population, 17,500. Total number of deaths, 35, including diphtheria 1 and 2 from tuberculosis. Cases: Scarlet fever 4, diphtheria 1, measles 4, and tuberculosis 2.

Highspire.—Month ended February 28, 1908. Estimated population, 1,500. One death from tuberculosis reported. Cases: Scarlet fever 6 and tuberculosis 1.

South Bethlehem.—Month of February, 1908. Estimated population, 18,000. Total number of deaths, 22, including 1 from tuberculosis. Cases: Measles 4, enteric fever 5, diphtheria 2, and scarlet fever 9.

York.—Month of January, 1908. Estimated population, 49,000. Total number of deaths, 66. Cases: Diphtheria 9, enteric fever 4, whooping cough 19, scarlet fever 3, and measles 127.

VIRGINIA—Newport News.—Month of February, 1908. Estimated population, 28,749. Total number of deaths reported, 30, including 5 from tuberculosis. Cases: Enteric fever 3 and smallpox 1.

WASHINGTON—Seattle.—Month of January, 1908. Estimated population, 240,000. Total number of deaths, 179, including diphtheria 11, enteric fever 3, scarlet fever 1, and 15 from tuberculosis. Cases: Diphtheria 110, enteric fever 9, measles 12, scarlet fever 19, and smallpox 18.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1907, to March 13, 1908.

For reports received from June 28, 1907, to December 27, 1907, see PUBLIC HEALTH REPORTS for December 27, 1907.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County	Jan. 1-14	9		And vicinity.
Mobile	Nov. 2-Feb. 10	39		
Total for State		48		Report for November received out of date. No cases in December.
Arizona:				
Benson	Jan. 26-Feb. 10	5		
Bisbee	Nov. 14-Jan. 19	18		
Total for State		23		
California:				
Berkeley	Dec. 15-Feb. 15	2		Case Feb. 13 from ss. Santa Barbara.
Los Angeles	Dec. 15-Feb. 22	97		
Oakland	Nov. 1-Jan. 31	77		Jan. 18, 1 case in San Francisco Quarantine Station from ss. Mongolia.
Sacramento	Dec. 1-Jan. 31	4		
San Diego	Dec. 1-31	1		
San Francisco	Dec. 15-Feb. 22	75		
San Jose	Jan. 1-31	24		
Total for State		280		
Colorado:				
Adams County	Nov. 1-30	6		
Bent County	Nov. 1-30	4		
Boulder County	Nov. 1-30	1		
Denver County (Denver)	Nov. 1-30	5		
Larimer County	Nov. 1-30	5		
Mesa County	Nov. 1-30	4		
Otero County	Nov. 1-30	10		
Prowers County	Nov. 1-30	43		
Pueblo County	Nov. 1-30	2		
Sedgwick County	Nov. 1-30	1		
Total for State		81		
Connecticut:				
New Britain	Dec. 1-Jan. 31	3		
Total for State		3		
District of Columbia:				
Washington	Dec. 15-Mar. 7	73		
Total for District		73		
Florida:				
Tarpon Springs	Dec. 15-Jan. 4	5		
Total for State		5		
Georgia:				
Augusta	Jan. 22-28	1		Imported.
Total for State		1		
Illinois:				
Champaign County	Jan. 1-31	3		Present in December.
Champaign	Jan. 1-31	2		
Cook County	Jan. 1-31	12		
Chicago	Jan. 4-Feb. 8	19		
Crawford County	Jan. 1-31	9		
Oblong	Dec. 1-31	55		
Douglas County	Jan. 1-31	2		
Edwards County	Jan. 1-31	2		
Ford County	Jan. 1-31	30		
Franklin County	Jan. 1-31	1		
Fulton County	Jan. 1-31	7		
Johnson County	Jan. 1-31	6		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Lake County	Jan. 1-31	2	Present.
La Salle County	Dec. 1-31 .....	.....	.....
Lawrence County	Jan. 1-31	3	.....
Livingston County	Dec. 1-Jan. 31	20	Present in December.
Logan County	Dec. 1-Jan. 31	2	.....
Macon County	Jan. 1-31	1	.....
Macoupin County	Jan. 1-31	4	.....
Madison County (Alton) ..	Dec. 1-31	1	.....
Marion County	Jan. 1-31	10	.....
Mason County	Dec. 1-Jan. 31	174	.....
McLean County	Jan. 1-31	8	.....
Menard County	Jan. 1-31	7	.....
Montgomery County	Jan. 1-31	1	.....
Morgan County	Jan. 1-31	15	.....
Jacksonville	Jan. 5-11	3	.....
Peoria County	Jan. 1-31	10	.....
Peoria	Jan. 1-31	7	.....
Perry County	Jan. 1-31	19	.....
Platt County	Dec. 1-Jan. 31	29	.....
Pike County	Jan. 1-31	1	.....
Saline County	Dec. 1-31 .....	.....	.....
Sangamon County	Dec. 1-Jan. 31	53	.....
Springfield	Dec. 15-Feb. 27	105	.....
Scott County	Jan. 1-31	13	.....
Stark County	Jan. 1-31	3	.....
Stephenson County	Dec. 1-Jan. 31	6	.....
Ridott	Dec. 1-31	39	.....
Tazewell County	Jan. 1-31	6	.....
Vermilion County—	Jan. 1-31	2	.....
Danville	Jan. 1-23	2	.....
Whiteside County	Jan. 1-31	1	.....
Winnebago County—				
Rockford	Jan. 1-Feb. 29	30	.....
Total for State		725	.....
Indiana:				
Allen County	Dec. 1-31	2	.....
Bartholomew County	Nov. 1-Dec. 31	3	.....
Cass County	Dec. 1-31	1	.....
Clay County	Nov. 1-30	2	.....
Clinton County	Dec. 1-31	15	.....
Davess County	Nov. 1-30	3	.....
Delaware County—				
Muncie	Dec. 29-Mar. 3	9	.....
Elkhart County	Dec. 1-31	38	.....
Elkhart	Dec. 22-Feb. 22	12	.....
Grant County	Dec. 1-31	10	.....
Marion	Jan. 1-31	4	.....
Johnson County	Dec. 1-31	4	.....
Lagrange County	Nov. 1-Dec. 31	100	.....
Lawrence County	Dec. 1-31	6	.....
Madison County	Nov. 1-Dec. 31	59	.....
Anderson	Feb. 1-29	2	.....
Marion County	Dec. 1-31	1	.....
Indianapolis	Dec. 16-Mar. 1	19	.....
Marshall County	Nov. 1-Dec. 31	11	.....
Miami County	Nov. 1-Dec. 31	6	.....
Monroe County	Dec. 1-31	2	.....
Noble County	Nov. 1-30	2	.....
Parke County	Nov. 1-Dec. 31	2	.....
Rush County	Dec. 1-31	1	.....
St. Joseph County	Dec. 1-31	11	.....
South Bend	Dec. 22-Feb. 29	5	.....
Sullivan County	Nov. 1-30	1	.....
Tippecanoe County—				
La Fayette	Dec. 17-Mar. 2	7	.....
Vigo County	Dec. 1-31	1	.....
Terre Haute	Dec. 22-Jan. 25	11	.....
Wayne County	Nov. 1-Dec. 31	14	.....
Total for State		364	.....
Iowa:				
Burlington	Mar. 1-Nov. 30	2	.....
Cedar Rapids	Jan. 2-Feb. 1	4	.....
Davenport	Jan. 1-Feb. 15	2	.....
Ottumwa	Jan. 26-Feb. 29	4	.....
Sioux City	Feb. 2-29	26	.....
Total for State		38	.....
				Received out of date.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas:				
Allen County.....	Nov. 1-Dec. 31....	22		
Atchison County.....	Dec. 1-31.....	37		
Atchison.....	Nov. 1-30.....	5		
Barton County.....	Dec. 1-31.....	6		
Bourbon County.....	Dec. 1-31.....	3		
Brown County.....	Nov. 1-30.....	2		
Butler County.....	Nov. 1-Dec. 31....	4		
Cherokee County.....	Dec. 1-31.....	1		
Galena.....	Dec. 22-28.....	17		
Decatur County.....	Dec. 1-31.....	2		
Ellis County.....	Dec. 1-31.....	1		
Labette County.....	Dec. 1-31.....	1		
Parsons.....	Nov. 1-Dec. 31....	25		
Leavenworth County—				
Leavenworth.....	Nov. 1-30.....	3		
Mitchell County.....	Dec. 1-31.....	6		
Osage County.....	Dec. 1-31.....	2		
Phillips County.....	Nov. 1-30.....	2		
Pratt County.....	Dec. 1-31.....	11		
Reno County.....	Dec. 1-31.....	60		
Republic County.....	Dec. 1-31.....	13		
Saline County.....	Nov. 1-30.....	4		
Sedgwick County—				
Wichita.....	Dec. 15-Feb. 15....	29		
Shawnee County.....	Nov. 1-Dec. 31....	17		
Topeka.....	Dec. 29-Feb. 15....	14		
Sheridan County.....	Nov. 1-30.....	4		
Stafford County.....	Dec. 1-31.....	6		
Wyandotte County.....	Dec. 1-31.....	4		
Kansas City.....	Dec. 29-Feb. 29....	40		
Total for State.....		341		
Kentucky:				
Covington.....	Dec. 15-Feb. 29....	17		
Georgetown.....	Jan. 1-Feb. 21....	26		
Lexington.....	Dec. 22-Feb. 22....	21		
Total for State.....		64		
Louisiana:				
New Orleans.....	Dec. 22-Feb. 29....	67		
Total for State.....		67		
Maine:				
Somerset County.....	Dec. 12-Jan. 8....	10		Outbreak in lumber camp.
Total for State.....		10		
Maryland:				
Baltimore.....	Dec. 22-Feb. 22....	3		
Total for State.....		3		
Massachusetts:				
Boston.....	Dec. 15-21.....	1		
Fall River.....	Dec. 22-Feb. 8....	8	5	
Melrose.....	Feb. 9-15.....	3		
Total for State.....		12	5	
Michigan:				
Detroit.....	Jan. 12-18.....	1		
Grand Rapids.....	Dec. 29-Jan. 18....	8		
Saginaw.....	Dec. 15-Feb. 22....	119		
Sault Ste. Marie.....	Nov. 30-Jan. 11....	6		
Total for State.....		134		
Minnesota:				
Aitkin County.....	Dec. 31-Jan. 20....	3		
Becker County.....	Nov. 27-Jan. 27....	6		
Benton County.....	Dec. 31-Jan. 6....	1		
Bigstone County.....	Dec. 3-9.....	6		
Blue Earth County.....	Nov. 27-Jan. 27....	51		
Brown County.....	Dec. 9-Jan. 20....	16		
Carlton County.....	Jan. 13-20.....	1		
Carver County.....	do.....	5		
Cass County.....	Nov. 27-Jan. 27....	12		
Chippewa County.....	Dec. 3-Jan. 27....	11		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Chisago County	Dec. 3-Jan. 27	35	.....
Clay County	Dec. 17-Jan. 20	30	.....
Cottonwood County	Dec. 17-Jan. 27	33	.....
Crow Wing County	Dec. 31-Jan. 27	3	.....
Dakota County	Nov. 27-Jan. 27	145	2	
Dodge County	Jan. 14-20	1	.....
Faribault County	Dec. 31-Jan. 27	29	.....
Fillmore County	Dec. 10-Jan. 27	6	.....
Freeborn County	Dec. 24-30	2	.....
Goodhue County	Dec. 24-Jan. 13	5	.....
Hennepin County	Nov. 27-Jan. 27	59	.....
Minneapolis	do	204	1	
Houston County	Dec. 10-16	1	.....
Hubbard County	Dec. 24-Jan. 27	8	.....
Itaska County	Dec. 10-16	1	.....
Jackson County	Jan. 7-13	1	.....
Kanabec County	Dec. 17-Jan. 20	25	.....
Kandiyohi County	Dec. 24-Jan. 20	7	.....
Kittson County	Dec. 10-23	1	.....
Koochiching County	Jan. 14-27	3	.....
Lac Qui Parle County	Dec. 31-Jan. 20	4	.....
Lesueur County	Dec. 3-Jan. 20	26	.....
McLeod County	Jan. 14-27	2	.....
Marshall County	Jan. 7-13	1	.....
Martin County	Jan. 14-27	125	.....
Meeker County	Jan. 7-20	8	.....
Millelacs County	Dec. 17-23	1	.....
Morrison County	Nov. 27-Jan. 27	39	.....
Murray County	Nov. 27-Dec. 2	1	.....
Nicollet County	Nov. 27-Jan. 27	80	.....
Nobles County	Jan. 7-27	8	.....
Norman County	Jan. 21-27	1	.....
Ottertail County	Dec. 24-Jan. 27	15	.....
Pine County	Nov. 27-Jan. 13	13	.....
Pipestone County	Dec. 24-Jan. 6	4	.....
Polk County	Nov. 27-Jan. 27	6	.....
Ramsey County	Dec. 31-Jan. 27	21	.....
St. Paul	Oct. 1-Dec. 31	214	1	
Red Lake County	Jan. 14-20	1	.....
Renville County	Dec. 3-9	1	.....
Rice County	Jan. 7-27	13	.....
St. Louis County	Dec. 3-27	54	.....
Duluth	Dec. 3-27	147	.....
Scott County	Dec. 17-Jan. 20	10	.....
Sherburn County	Dec. 10-30	3	.....
Sibley County	Dec. 10-Jan. 27	12	.....
Stearns County	Dec. 10-27	92	.....
Steele County	Nov. 27-Jan. 20	29	.....
Swift County	Dec. 3-Jan. 6	8	.....
Todd County	Dec. 10-Jan. 27	37	.....
Traverse County	Jan. 21-27	2	.....
Wabasha County	Dec. 3-30	8	.....
Waseca County	Jan. 8-27	11	.....
Washington County	Nov. 27-Jan. 20	8	.....
Wilkin County	Dec. 3-Jan. 20	18	.....
Winona County	Nov. 27-Jan. 27	12	.....
Winona	Dec. 15-Feb. 22	14	.....
Wright County	Dec. 1-Jan. 13	2	.....
Total for State		1,762	4	
Mississippi:				
Harrison County—				
Gulfport	Feb. 18	1	.....
Perry County—				
Epps	Jan. 15	1	.....
Hattiesburg	June 1-Jan. 15	29	.....	And vicinity.
Washington County	Dec. 30-Jan. 18	3	.....
Total for State		34	.....
Missouri:				
Buchanan County—				
St. Joseph	Dec. 15-Feb. 22	74	.....
Cole County—				
Jefferson City	Jan. 1-9	8	.....
Jackson County—				
Kansas City	Dec. 29-Feb. 29	66	2	
Marion County—				
Hannibal	Feb. 4-10	2	.....
Putnam County	Jan. 1-31	32	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Missouri—Continued.				
St. Louis City County—				
St. Louis.....	Dec. 15-Feb. 8.....	29	.....
Worth County.....	Jan. 1-31.....	6	.....
Total for State.....		217	2	
Montana—General				
Fergus County.....	Dec. 1-31.....	7	.....
Lewis and Clarke County—	Nov. 1-30.....	1	.....
Helena.....	Dec. 1-31.....	2	.....
Missoula County.....	Nov. 1-30.....	1	.....
Missoula.....	Dec. 1-31.....	3	.....
Ravalli County.....	Nov. 1-30.....	1	.....
Silverbow County.....	Nov. 1-30.....	1	.....
Butte.....	Jan. 15-Feb. 25.....	9	.....
Yellowstone County.....	Nov. 1-30.....	3	.....
Total for State.....		28	.....
Nebraska:				
Lincoln.....	Nov. 1-Dec. 31.....	4	.....
Nebraska City.....	Dec. 8-Jan. 18.....	22	.....
Omaha.....	Oct. 1-15.....	89	.....	Epidemic in vicinity.
Total for State.....		115	.....
New Mexico:				
Albuquerque.....	To Jan. 26.....	15	.....
Total for State.....		15	.....
New York:				
Allegany County.....	Dec. 1-31.....	3	.....
Cayuga County.....	Nov. 8-30.....	4	.....
Clinton County.....	Nov. 8-30.....	1	.....
Erie County—				
Buffalo.....	Dec. 15-Feb. 29.....	3	.....
Jefferson County.....	Nov. 8-30.....	5	.....
Lewis County.....	Nov. 8-Dec. 31.....	31	.....
New York County—				
New York.....	Dec. 15-Feb. 15.....	15	.....
Niagara County—				
Niagara Falls.....	Dec. 15-Jan. 11.....	3	.....
Oneida County.....	Nov. 8-31.....	17	.....
Onondaga County—				
Syracuse.....	Dec. 15-24.....	1	.....
Orange County.....	Nov. 8-30.....	2	.....
Oswego County.....	Nov. 8-Dec. 31.....	17	.....
Schenectady County—				
Schenectady.....	Nov. 8-Jan. 31.....	4	.....
Tompkins County.....	Nov. 8-Dec. 31.....	3	.....
Ulster County—				
Kingston.....	Nov. 8-Jan. 31.....	155	.....
Westchester County.....	Nov. 8-30.....	1	.....
Total for State.....		265	.....
North Carolina:				
Ashe County.....	Nov. 1-30.....	1	.....
Davie County.....	Nov. 1-30.....	2	.....
Forsyth County.....	Nov. 1-30.....	1	.....
Guilford County.....	Nov. 1-30.....	3	.....
Greensboro.....	Dec. 15-Jan. 18.....	11	.....
Johnston County.....	Nov. 1-30.....	25	.....
Mecklenburg County—				
Charlotte.....	Feb. 9-15.....	3	.....
Orange County.....	Nov. 1-30.....	6	.....
Pitt County.....	Nov. 1-30.....	11	.....
Robeson County.....	Nov. 1-30.....	2	.....
Rockingham County.....	Nov. 1-30.....	10	.....
Sampson County.....	Nov. 1-30.....	1	.....
Total for State.....		76	.....
North Dakota:				
Wells County.....	Dec. 21-Feb. 22.....	20	.....
Fessenden.....	Dec. 21-Feb. 22.....	20	.....
Total for State.....		40	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio:				
Cincinnati.....	Dec. 21-Feb. 28...	107	1	Imported.
Dayton.....	Jan. 5-Feb. 15...	5		
Lorain.....	Dec. 29-Jan. 4...	2		
Piqua.....	May 1-Aug. 31...	21		
Toledo.....	Dec. 29-Feb. 22...	4		
Warren.....	Feb. 9-15.....	1		
Zanesville.....	Feb. 1-29.....	2		
Total for State.....		142	1	
Oklahoma:				
Oklahoma City.....	Dec. 22-28.....	7		
Total for State.....		7		
Oregon:				
Baker County.....	Nov. 1-30.....	8		
Grant County.....	Nov. 1-30.....	28		
Klamath County.....	Nov. 1-30.....	2		
Multnomah County— Portland.....	Nov. 1-Feb. 8.....	27		
Wallowa County.....	Nov. 1-30.....	6		
Total for State.....		71		
Pennsylvania:				
Erie.....	Dec. 20-26.....	2		
Harrisburg.....	Jan. 1-22.....	3		
Merion.....	Jan. 26-Feb. 19...	1		
Pittsburg.....	Feb. 9-15.....	1		
Williamsport.....	Jan. 26-Feb. 1.....	1		
Total for State.....		8		
South Dakota:				
Sioux Falls.....	Nov. 1-Feb. 1.....	26		
Total for State.....		26		
Tennessee:				
Franklin.....	Dec. 1-Jan. 11.....	20		
Knoxville.....	Dec. 15-Feb. 29...	49		
Memphis.....	Dec. 22-Feb. 8.....	10		
Nashville.....	Dec. 15-Feb. 29...	120		
Sumner County.....	Nov. 29-Jan. 13...	3		
Total for State.....		202		
Texas, in 51 counties				
Fort Worth.....	Dec. 1-Jan. 31.....	651		
Galveston.....	Dec. 1-31.....	45		
Houston.....	Feb. 1-21.....	4		
Laredo.....	Jan. 1-18.....	6		
San Antonio.....	Jan. 9.....	1		
San Antonio.....	Dec. 15-Feb. 22...	35	1	
Total for State.....		742	1	
Utah:				
Davis County.....	Dec. 1-31.....	1		
Salt Lake County— Salt Lake.....	Dec. 1-31.....	4		
Summit County.....	Nov. 1-Jan. 31.....	81		
Utah County.....	Oct. 1-31.....	2		
Wasatch County.....	Dec. 1-Jan. 31.....	7		
Weber County.....	Nov. 1-Jan. 31.....	23		
Ogden.....	Dec. 1-Jan. 31.....	25		
Total for State.....		143		
Virginia:				
Carroll County.....	Jan. 1-31.....	1		Present.
Floyd County.....	Jan. 1-31.....	1		
Giles County.....	Jan. 1-31.....	8		
Henrico County— Richmond.....	Jan. 5-Feb. 15.....	8		
King William County.....	Jan. 1-31.....			
Lee County.....	Jan. 1-31.....	6		
Norfolk County— Norfolk.....	Feb. 22.....	1		
Powhatan.....	Jan. 1-31.....	3		
Roanoke County.....	Jan. 1-31.....	8		
Roanoke.....	To Dec. 13.....	9		
Scott County.....	Jan. 1-31.....	8		
Tazewell County.....	Jan. 1-31.....	27		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Virginia—Continued.				
Warwick County—				
Newport News.....	Jan. 1-Feb. 29	2		Present.
Wise County	Jan. 1-31.....	4		
Wythe County	Jan. 1-31.....			
Total for State.....		86		
Washington:				
Seattle.....	Nov. 1-Jan. 31	35		
Spokane.....	Dec. 15-Feb. 22	95	2	
Tacoma.....	Dec. 15-Feb. 15....	19		
Total for State.....		149	2	
Wisconsin:				
Appleton.....	Jan. 18-25.....	1		
La Crosse.....	Dec. 15-Feb. 29....	57		
Milwaukee.....	Dec. 15-Jan. 25....	11		
Oshkosh.....	Jan. 1-25.....	1		
Total for State.....		70		
Grand total, United States.....		6,470	15	

Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1907, to March 13, 1908.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco ^a	Dec. 26-Feb. 17....	24	6	

^a Plague cases are entered in the table under date of verification as plague. From January 1 to February 8 only 2 cases and 1 death from plague occurred at San Francisco. The other cases entered in the table occurred previous to January 1, but have been confirmed since that date.

Yellow fever in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, February 16-March 13, 1908.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas:				
Galveston	Feb. 16-18.....	2	2	In quarantine from ss. Crispin from Manaus and Para and 5 other cases during voyage.

Weekly morbidity and mortality table, cities of the United States.

[For smallpox, yellow fever, and plague see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Feb. 29	38,973	22	.....	2	.....	.....	4	.....	1	.....	.....	.....	.....	.....
Ann Arbor, Mich.	Feb. 22	14,509	13	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Do.	Feb. 29	14,509	8	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Auburn, N. Y.	do	30,345	11	.....	1	.....	.....	1	.....	1	.....	4	.....	.....	.....
Augusta, Ga.	Feb. 25	39,441	22	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....
Aurora, Ill.	Feb. 8	24,147	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baltimore, Md.	Feb. 29	508,957	208	17	31	3	2	53	3	17	2	81	1	10	.....
Bayonne, N. J.	Feb. 22	32,722	.....	.....	.....	.....	.....	5	.....	1	1	.....	.....	.....	.....
Do.	Feb. 29	32,722	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....
Beaver Falls, Pa.	do	10,054	0	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Belleville, Ill.	Feb. 22	17,484	11	1	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Berkeley, Cal.	Feb. 15	13,214	6	1	.....	1	.....	.....	.....	.....	.....	5	.....	.....	.....
Do.	Feb. 22	13,214	5	.....	.....	.....	.....	1	.....	1	.....	17	.....	.....	.....
Biddeford, Me.	Feb. 29	16,145	3	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y.	Feb. 8	38,647	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Do.	Feb. 29	38,647	14	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Boston, Mass.	do	560,892	237	50	21	7	.....	85	.....	49	5	191	3	.....	2
Braddock, Pa.	Feb. 22	15,564	14	.....	.....	2	2	.....	.....	1	.....	3	.....	.....	.....
Brockton, Mass.	Feb. 29	40,063	20	1	2	1	.....	2	.....	1	.....	.....	.....	.....	.....
Butte, Mont.	Feb. 25	30,470	7	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....
Cambridge, Mass.	Feb. 29	91,886	24	6	3	1	2	8	.....	7	1	62	.....	.....	.....
Camden, N. J.	do	75,935	32	3	.....	.....	.....	2	.....	2	1	.....	.....	.....	.....
Camden, S. C.	do	2,441	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbondale, Pa.	do	13,536	5	.....	.....	.....	.....	1	1	2	.....	1	.....	.....	.....
Charlotte, N. C.	do	18,091	8	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chelsea, Mass.	do	34,072	8	3	1	.....	.....	3	.....	2	.....	26	.....	.....	.....
Chicago, Ill.	Feb. 22	1,698,575	616	33	63	32	2	114	10	93	10	125	3	36	1
Do.	Feb. 29	1,698,575	677	21	82	41	6	97	9	101	15	172	6	23	4
Chicopee, Mass.	Feb. 29	19,167	8	.....	1	.....	.....	8	.....	.....	.....	.....	.....	.....	.....
Cincinnati, Ohio	Feb. 28	325,902	132	15	15	3	3	8	.....	7	.....	115	6	6	1
Cleveland, Ohio	do	381,768	169	34	21	5	2	10	1	11	1	83	1	33	2
Clinton, Mass.	Feb. 29	13,667	1	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Columbus, Ga.	do	17,614	11	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Covington, Ky.	do	42,938	19	.....	3	.....	.....	3	.....	.....	.....	12	1	.....	.....
Danville, Ill.	do	16,354	9	.....	1	.....	.....	2	.....	.....	.....	12	.....	.....	.....
Dayton, Ohio	do	85,333	35	.....	2	1	.....	5	.....	1	1	.....	.....	9	.....
Detroit, Mich.	do	285,704	117	.....	.....	.....	.....	5	1	7	2	.....	.....	.....	.....
Dunkirk, N. Y.	do	11,616	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elkhart, Ind.	do	15,184	8	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....
Elmira, N. Y.	do	35,672	22	.....	1	3	.....	1	.....	2	.....	.....	1	.....	.....
Erie, Pa.	Feb. 27	52,733	19	3	1	11	1	5	.....	3	.....	.....	.....	3	.....
Evansville, Ind.	Feb. 29	59,007	28	.....	3	.....	.....	2	.....	2	.....	12	.....	.....	.....
Everett, Mass.	do	24,336	3	1	1	.....	.....	6	.....	5	.....	37	.....	.....	.....
Fall River, Mass.	Jan. 11	104,863	73	3	3	.....	.....	9	.....	8	3	34	.....	9	2
Do.	Feb. 22	104,863	55	2	2	.....	.....	6	.....	3	.....	66	9	2	.....
Do.	Feb. 29	104,863	59	2	2	.....	.....	8	1	.....	1	39	2	.....	.....
Findlay, Ohio	do	17,613	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galesburg, Ill.	Feb. 15	18,607	11	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Do.	Feb. 22	18,607	10	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....
Do.	Feb. 29	18,607	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galveston, Tex.	Feb. 28	37,789	13	1	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Gloucester, Mass.	Feb. 29	25,121	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Rapids, Mich.	do	87,565	45	2	3	9	2	18	1	3	1	49	.....	5	.....
Greensboro, N. C.	do	10,035	4	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greenville, S. C.	Feb. 22	11,849	4	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Harrison, N. J.	Feb. 29	10,596	6	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hartford, Conn.	Feb. 16	79,850	36	1	1	.....	.....	2	.....	3	1	6	.....	.....	.....
Do.	Feb. 23	79,850	40	3	3	.....	.....	6	1	3	.....	.....	.....	.....	.....
Haverhill, Mass.	Feb. 29	37,175	7	4	2	.....	.....	1	.....	3	.....	20	.....	.....	.....
Hoboken, N. J.	do	59,364	.....	.....	.....	.....	.....	2	.....	2	.....	11	.....	1	.....
Homestead, Pa.	Feb. 21	12,554	10	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
Do.	Feb. 28	12,554	8	.....	2	1	.....	.....	.....	3	.....	4	.....	2	.....
Hyde Park, Mass.	do	13,244	7	1	.....	.....	.....	2	.....	1	.....	2	.....	.....	.....
Indianapolis, Ind.	Mar. 1	169,164	60	2	10	2	1	10	.....	7	2	9	.....	.....	1
Jacksonville, Fla.	Feb. 29	28,429	18	.....	4	1	.....	.....	.....	1	.....	4	.....	.....	.....
Jersey City, N. J.	Feb. 23	206,433	85	1	9	.....	.....	32	2	10	1	21	.....	.....	.....
Do.	Mar. 1	206,433	99	4	14	.....	1	38	2	10	3	25	.....	1	.....
Johnstown, Pa.	Feb. 29	35,936	18	.....	2	2	.....	3	1	6	.....	1	1	1	.....
Kalamazoo, Mich.	Feb. 15	24,404	17	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Do.	Feb. 29	24,404	15	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas City, Kans.	do	51,418	22	6	3	4	2	2	.....	1	.....	.....	.....	1	.....
Kansas City, Mo.	Feb. 22	163,752	82	7	4	1	7	.....	.....	5	1	14	.....	5	.....
Do.	Feb. 29	163,752	61	7	2	1	7	.....	.....	3	.....	9	.....	1	.....

a Intervening weeks previously reported.

b Received out of regular order.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census 1900.	Total deaths from all causes	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kearny, N. J.	Feb. 29	10,896	8					1		1		6			
Kingston, N. Y.	do	24,535	9		2										
Knoxville, Tenn.	do	32,637			1							14		3	
La Crosse, Wis.	do	28,895	10	17	1	1		2		2				1	
La Fayette, Ind.	Mar. 2	18,116	9		1										
Los Angeles, Cal.	Feb. 22	102,479	87	2	14	1	2	11		11		6			
Lowell, Mass.	Feb. 29	94,969	43	4	2	2		4		5	1	22			
Lynn, Mass.	Feb. 22	68,513	34		2			6		4	1	1			
McKeesport, Pa.	Feb. 8	34,227	14	1	1	1				2		23			
Do.	Feb. 15	34,227	17	3	1	1	1	1				10		1	
Do.	Feb. 22	34,227	18	2	1	1		2		2		2	1		
Do.	Feb. 29	34,227	20	3	3	1		4	2			10		1	
Malden, Mass.	Feb. 8	33,664	8		2	1	1	2		1		54			
Do.	Feb. 22	33,664	12	1		1		1		1	1	39		1	
Do.	Feb. 29	33,664	13	3	1	1	1	1		1		34		1	
Manchester, N. H.	do	56,987	16	4	4	1		1		7					
Manitowoc, Wis.	Feb. 22	11,786	3							1					
Marquette, Wis.	Feb. 29	16,195	4					1				1			
Massillon, Ohio.	do	11,944	4									7			
Medford, Mass.	do	18,244	5							1		32			
Middletown, N. Y.	Feb. 8	14,522	6												
Do.	Feb. 15	14,522	11		1										
Do.	Feb. 22	14,522	11												
Mobile, Ala.	do	38,469	18		3										
Moline, Ill.	Feb. 23	17,248	6					2							
Do.	Mar. 1	17,248	2												
Montclair, N. J.	Feb. 29	13,962	8		1	1		1				1		1	
Montgomery, Ala.	do	30,346	11		1			2							
Mount Vernon, N. Y.	Feb. 8	21,228	9			1				4		2			
Do.	Feb. 29	21,228	5	2				14	1	2					
Nanticoke, Pa.	Mar. 2	12,616	4			2		3							
Nashville, Tenn.	Feb. 29	80,865	54	2	6			7				16		1	
Nebraska City, Nebr.	do	7,200	2	2				2		1		11		4	5
Newark, N. J.	do	246,070	126	20	2	1	41	3	11	1					1
New Bedford, Mass.	do	63,442	47	19	4					2		13			
New Brunswick, N. J.	do	20,006						5				1			
Newburyport, Mass.	do	14,478	10												
New Orleans, La.	do	278,104	162	13	18	2	2	16		17	1				1
Newport, R. I.	Feb. 22	22,441	4		1	1		1							
Do.	Feb. 29	22,441	6	1	1			5		4					
Newton, Mass.	do	33,587	9	2	3					2		38			
New York, N. Y.	Jan. 23	3,437,202	1,510	396	219	23	11	661	35	480	55	877	18	27	4
Do.	Feb. 29	3,437,202	1,551	451	204	45	9	924	39	373	44	1554	39	20	1
Niagara Falls, N. Y.	do	19,457	10			7	2	1				1			
Norristown, Pa.	do	22,265	10	1						2					
North Adams, Mass.	do	24,200	4	1								15			
Northampton, Mass.	do	18,643	9	3				5				5		7	
Onondaga, N. Y.	do	7,147	2												
Orange, N. J.	do	24,141	9	1	2			15		1					
Ottumwa, Iowa	do	18,197	5									34		2	
Palmer, Mass.	do	7,801	4	1	1										
Philadelphia, Pa.	Feb. 8	1,293,697	598	70	85	114	18	55	4	88	11	125	3	33	5
Do.	Feb. 15	1,293,697	623	153	89	154	19	50	5	56	11	168	2	27	3
Pittsburg, Pa.	Feb. 22	321,616	223	18	7	37	8	18	4	8	1	250	8	20	5
Pittsfield, Mass.	Feb. 29	21,766	8									6			
Plainfield, N. J.	do	15,369	6					1				22			
Port Huron, Mich.	do	19,158	5												
Portland, Me.	Feb. 15	50,145	17	2	1	1				2					
Do.	Feb. 22	50,145	23	2	2			2		3				2	
Portsmouth, N. H.	Feb. 29	10,637						3		1					
Portsmouth, Va.	Mar. 3	17,427	7												
Providence, R. I.	Feb. 29	175,597	98	10	13			9	1	9	1	21	2		1
Racine, Wis.	do	29,102	11			2	2		1						
Reading, Pa.	Mar. 2	78,961	18		2	3		11		3	1	7		9	1
Richmond, Va.	Feb. 22	85,050	40	5	3	3	1			3		20			
Rock Island, Ill.	do	19,493	5					1							
Rutland, Vt.	Feb. 29	11,499	7			1						1		10	
Saginaw, Mich.	Feb. 22	42,345	15			2				1					
St. Joseph, Mo.	do	102,979	21		4			7		5		1			
St. Louis, Mo.	Feb. 29	575,238	199	34	15	7		44	1	26	1	9		9	
San Antonio, Tex.	Feb. 15	53,321				1						2			
Do.	Feb. 22	53,321								1		2			
Sandusky, Ohio.	Feb. 22	19,664	7		1	3									
San Francisco, Cal.	Feb. 15	342,782	143	29	23	1		4		14	1	7			
Do.	Feb. 22	342,782	123	20	18			8		23	5	31	3		

* Intervening weeks previously reported.

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities,	Week Ended—	Popula- tion, United States census 1900.	Total deaths from all causes	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Seranton, Pa.	Feb. 22	102,026	.....	.....	.....	.....	.....	5	.....	7	1	8	.....	.....	.....
Somerville, Mass.	do	61,643	21	1	.....	.....	.....	7	.....	3	.....	19	.....	.....	.....
Do.	Feb. 29	61,643	20	1	2	.....	.....	1	.....	2	.....	21	.....	.....	.....
South Bend, Ind.	do	35,999	16	.....	.....	1	5	.....	.....	1	.....	.....	.....	.....	.....
Spokane, Wash.	Feb. 22	38,848	18	2	4	.....	1	4	.....	3	.....	1	.....	.....	.....
Springfield, Ill.	Feb. 27	34,159	20	.....	3	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Springfield, Mass.	Feb. 29	62,059	28	2	1	2	.....	3	.....	5	.....	3	.....	.....	.....
Springfield, Ohio	Feb. 22	38,253	11	3	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Feb. 29	38,253	9	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Steelton, Pa.	do	12,068	4	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Tacoma, Wash.	Feb. 22	37,714	17	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Taunton, Mass.	Feb. 29	31,036	23	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Terre Haute, Ind.	do	36,675	13	.....	5	.....	.....	.....	.....	2	.....	60	2	.....	.....
Titusville, Pa.	do	8,244	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toledo, Ohio	Feb. 15	131,822	52	.....	4	2	.....	1	.....	1	1	.....	.....	.....	.....
Do.	Feb. 22	131,822	49	.....	2	.....	.....	3	.....	2	1	1	.....	.....	.....
Topeka, Kans.	do	33,608	.....	.....	.....	1	1	1	.....	.....	.....	2	.....	.....	.....
Trenton, N. J.	Feb. 29	73,307	.....	.....	.....	8	1	2	.....	3	1	.....	.....	.....	.....
Waltham, Mass.	do	23,481	6	.....	1	.....	.....	.....	.....	1	.....	6	.....	.....	.....
Warren, Ohio	do	8,529	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Pa.	Feb. 23	8,043	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington, D. C.	Feb. 29	278,718	140	.....	13	7	.....	9	1	9	1	23	.....	16	3
Wheeling, W. Va.	Feb. 15	38,878	20	.....	1	.....	4	1	.....	3	1	.....	.....	.....	.....
Do.	Feb. 22	38,878	14	.....	3	.....	1	3	.....	1	.....	.....	.....	.....	.....
Do.	Feb. 29	38,878	20	.....	3	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Wilkesbarre, Pa.	Feb. 21	51,721	21	.....	.....	1	.....	8	.....	3	2	2	.....	1	.....
Do.	Feb. 28	51,721	24	.....	.....	.....	1	3	.....	5	.....	.....	.....	.....	.....
Wilkesburg, Pa.	do	11,886	3	1	.....	3	.....	2	.....	1	.....	.....	.....	.....	.....
Williamsport, Pa.	Feb. 29	28,757	8	.....	.....	1	.....	5	.....	2	.....	5	.....	.....	.....
Wilmington, Del.	Feb. 22	76,508	23	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Feb. 29	76,508	21	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Woburn, Mass.	do	14,254	2	.....	1	.....	.....	3	.....	.....	.....	1	.....	.....	.....

FOREIGN AND INSULAR.

BARBADOS.

Reports from Bridgetown—Yellow fever.

Consul Clare reports, February 8, 15, and 18:

The general board of health has officially reported to-day that a fatal case of yellow fever occurred on February 7 about 1 mile from this port.

Another fatal case, reported January 31, occurred on January 29.

February 15. The general board of health has officially reported to-day that a case of yellow fever occurred on February 9. This is the third case since January 29.

February 18. I have been to-day officially informed by the general board of health that another case of yellow fever occurred February 16 about 12 miles from Bridgetown. This is the fourth case since January 29.

BRAZIL.

Report from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox—Mortality from plague, smallpox, and yellow fever, 1905, 1906, 1907.

Acting Assistant Surgeon Stewart reports, February 1:

Week ended February 1. Vessels inspected and received bills of health: January 27, British steamship *Brantwood*, for New York, in cargo of coffee, with no passengers, and with no change in the crew personnel; January 28, German ship *Hildegarde* for Pensacola, in stone ballast, with no passengers and no change in the crew personnel, and on February 1, British steamship *Terence* for New York, with cargo of coffee, with 1 cabin and 8 steerage passengers, and 1 new member of the crew taken on in this port.

Mortality report, Rio de Janeiro.—Week ended February 2. Total deaths, 257. Yellow fever caused no reported cases nor deaths. Bubonic plague caused 4 new reported cases and smallpox 29 new reported cases, with 13 deaths. At the close of the week there were in the Hospital São Sebastião 48 cases of smallpox and 11 cases of bubonic plague under treatment, and 23 cases of suspicious illness under observation.

Mortality from plague, smallpox, and yellow fever in Rio de Janeiro during the three years 1905, 1906, and 1907.

	1905.	1906.	1907.
Yellow fever.....	287	42	39
Bubonic plague.....	139	111	71
Varicella.....	256	9	125

CHINA.

Reports from Hongkong—Quarantine restrictions—Plague and smallpox.

Acting Assistant Surgeon Hough reports:

Week ended January 18. Restrictions enforced by Hongkong remain as reported on November 2. Restrictions enforced against Hongkong remain as reported on November 2.

Quarantinable diseases: Plague, 1 case, 1 death; smallpox, 6 cases, 5 deaths.

Vessels inspected and granted bills of health, 7.

Week ended January 25. Quarantinable diseases: Plague, 3 cases, 3 deaths; smallpox, 31 cases, 28 deaths.

Vessels inspected and granted bills of health, 10.

CUBA.

Report from Cienfuegos—Inspection and fumigation of vessels.

Acting Assistant Surgeon Marsillan reports, February 25:

Week ended February 22.

Vessels inspected.....	6
Vessels inspected and fumigated.....	2
Bills of health issued.....	8
Members of crews inspected.....	228
Members of crews inspected landed at this port.....	1
Passengers inspected in transit for New Orleans.....	1

Reports from Habana—Inspection and fumigation of vessels—Death of yellow fever case at Santa Clara—Summary of yellow fever in Cuba, period January 1–February 26, 1907 and 1908.

Acting Assistant Surgeon Thomas reports, February 26, 29, and March 2:

Week ended February 29.

Vessels inspected and bills of health issued.....	19
Vessels not inspected and bills of health issued.....	6
Members of crews of outgoing vessels inspected.....	969
Members of crews of outgoing vessels not inspected.....	153
Passengers of outgoing vessels inspected.....	1, 239
Vessels fumigated prior to sailing.....	4

During this period no new cases of yellow fever were reported from any part of the island.

There was one death from yellow fever at Santa Clara February 28, and 4 cases were discharged cured. One case remains under treatment at Santiago de Cuba.

Summary of yellow fever in Cuba January 1–February 26, 1907 and 1908.

From January 1 to February 26, 1907, there were reported for the entire island of Cuba 1 case and 1 death, one focus of infection having been reported to be in the town of Santa Clara.

For the corresponding period in 1908 there have been reported 24 cases (including 6 cases now under treatment) and 8 deaths, the number of foci reported being 19 and extending from Santiago de Cuba, near the eastern end of the island, to Habana, near the western end.

Report from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, February 25:

Week ended February 22. Bills of health were granted to 7 vessels clearing for the United States, carrying an aggregate number of 147 members of crews and 6 passengers in transit, of which 4 were bound from Buenos Aires to New York and 2 from Habana to Galveston via Matanzas. No quarantinable diseases were reported during the week.

*Report from Santiago—Inspection and fumigation of vessels—
Work of fumigation continued.*

Acting Assistant Surgeon Wilson reports, February 26:

Week ended February 22. Bills of health issued to 6 vessels bound for the United States. The British steamship *Sheppy Allison*, bound for Philadelphia, was fumigated. The work of fumigating the lower part of the town was finished last week; about 15 to 20 city blocks were fumigated.

HAWAII.

Report from Honolulu—Case of plague at Hilo bacteriologically confirmed—Examination of rats for plague infection.

Chief Quarantine Officer Cofer reports, March 9:

The case of plague reported February 24 as having occurred at Hilo, February 22, has been confirmed bacteriologically. (See Public Health Reports, March 6, 1908, p. 285.)

Passed Assistant Surgeon Currie reports that during the week ended February 15, 184 rats were examined bacteriologically at the plague laboratory of the Service at Honolulu. No plague infection found.

INDIA.

Reports from Calcutta—Transactions of Service—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Eakins reports, February 5:

During the week ended February 1 a bill of health was issued to the steamship *Clan Ferguson*, bound for Philadelphia and New York with a total crew of 78. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

During the week ended January 18 there were 27 deaths from cholera, 13 from plague, and 8 from smallpox in Calcutta. In Bengal during the same period there were 363 cases of plague, with 298 deaths; and in India 3,905 cases of plague, with 3,150 deaths.

Ordinance relative to lepers.

The following is received from Consul-General Michael, under date of January 16:

An ordinance issued by the municipal government of Calcutta directs that no leper shall, within certain areas, which have been specified as local areas from which lepers may be sent to asylums, personally prepare for sale or sell any article of food or drink or any drugs or clothing intended for human use; bathe, wash clothes, or take water from any public well or tank debarred by any municipal or local by-law from use by lepers; drive, conduct, or ride in any public carriage; or exercise the trade or calling of barber, washerman, water carrier, baker, confectioner, tailor, draper, haberdasher, domestic servant, schoolmaster, clerk, medical practitioner, or butcher. The areas specified are Fort William, Calcutta Municipality, South Suburban Municipality, Tollygunge Municipality, Garden Reach Municipality, Howrah Municipality, Burdwan district, Birbhum district, Manbhum district.

ITALY.

Report from Naples—Inspection of vessels—Emigrants recommended for rejection—Smallpox in Italy.

Passed Assistant Surgeon McLaughlin reports, February 17:
Week ended February 15. Vessels inspected at Naples and Palermo:

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 11	Carmania	New York			
12	Nord America	do	139	30	220
13	Venezia	do	156	35	280
14	Principe di Piemonte	do	336	55	650
	Total		831	120	1,150

PALERMO.

Feb. 13	Nord America	New York	66	90	42
---------	--------------------	----------------	----	----	----

Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Feb. 11	Carmania						
12	Nord America	8	2	2		1	13
13	Venezia	6	2	7		2	17
14	Principe di Piemonte	10	1	9			20
	Total	24	5	18		3	50

PALERMO.

Feb. 13	Nord America	7		6			13
---------	--------------------	---	--	---	--	--	----

Smallpox.—Week ended February 13. Cases: San Vito (Belluno), 2; Milan, 1; Trino, 38; Palazzolo (Novara), 1; Pietragalla, 2; Rotonda (Potenza), 3; Rizziconi, 3; Polistena, 3; Cittannova, 12; Gioia Tauro, 1; Anvia, 5; Canolo, 1; Radicena (Reggio Calabria), 2; Serra di Bruno, 1; Fabrizia, 2; Nardo di Pace (Catanzaro), 7; Caronia, 42; S. Stefano Camastra (Messina), 1.

JAPAN.

Reports from Yokohama—Inspection of vessels—Spread of smallpox.

Passed Assistant Surgeon Cumming reports February 12:

During the week ended February 8, bills of health were issued after inspection to 4 steamships. These vessels had a total personnel of 29 saloon passengers, 258 steerage passengers, and 488 members of crews.

All steerage passengers and members of crew embarking here were bathed and their clothing and personal effects were disinfected. Such persons were also vaccinated, and the arms of steerage passengers from Kobe and Nagasaki examined for results of vaccination.

Smallpox is spreading rapidly. The outbreaks at Yokohama and Tokyo are of unusual virulence.

Since the outbreak began here December 28 there have been 197 cases and 63 deaths, with 83 cases remaining in the hospitals.

There are over 300 cases in Tokyo, where 77,900 persons have been vaccinated.

No such outbreak has been known in Japan for fifteen years or more.

Emigrants recommended for rejection.

February 9. Per steamship *Asia* for Manila: 1 advised to wait.
February 13. Per steamship *Siberia*: For Honolulu, refused 3; advised to wait, 13.

Reports from Nagasaki—Smallpox—Emigrants recommended for rejection.

Sanitary Inspector Bowie reports:

February 6: Two more cases of smallpox are reported in Nagasaki to-day.

Number of emigrants per steamship *Siberia* recommended for rejection, 10.

MEXICO.

Report from Coatzacoalcas—Inspection of vessels—Health of the port.

Acting Assistant Surgeon Thompson reports, February 27:

Week ended February 26. Two steamships were inspected and granted bills of health. The health of the port is excellent.

PERU.

Report from Callao—Inspection and fumigation of vessels—Campaign at Callao against plague not continued—Status of plague in Peru—Plague at Chilean ports.

Assistant Surgeon Wightman reports, February 9:

Week ended February 8. Four vessels were dispatched, with an aggregate personnel of 387 members of crews, 81 cabin and 61 steerage passengers. These figures include the U. S. S. *Chicago*, with a crew of 250, passed on statement of the medical officer. The other 3 vessels were fumigated.

The campaign against plague in Callao, commenced in October, 1907, has been allowed to lapse, and with the exception of a small squad of men who fumigate houses where actual cases occur, the work is at a standstill.

Bills of health from Chile report 8 cases of plague, with 3 deaths, at Antofagasta in two weeks prior to January 26; and the same disease was still present in the neighborhood of Arica on January 31.

The following are the latest statistics received from the Director de Salubridad:

Locality.	Cases January 23.	New.	Recov- ered.	Died.	Remain- ing Jan- uary 30.
Lima.....	5	5	4	3	3
Callao.....	4				4
Chosica.....		2		1	1
Trujillo.....	29	18	2	5	40
Paita.....	10	2		1	11
Piura.....	6	2		4	4
Ferrenafe.....	4				4
San Geronimo.....	4				4
Catacaos.....	22	8	1	6	23
Eten.....	6				6
San Jose (Lambayeque).....		2			2
San Pedro (neighborhood).....		1		1	
Chepen.....		2		1	

One patient of Chepen escaped from the authorities; result of his case is not known.

PHILIPPINE ISLANDS.

Reports from Manila—Improvement in cholera situation in Manila and vicinity—Modification of interisland quarantine—Outbreak of cholera in Province of Zambales—Smallpox on vessels from ports in Japan—Inspection of vessels.

Chief Quarantine Officer Heiser reports, January 22 and 28 and February 6:

Week ended January 18.

Seventy-three cases of cholera with 59 deaths were reported.

While there is an increase of 28 cases with 24 deaths over the number of cases and deaths from cholera reported for the preceding week, yet the outlook is more encouraging than at the close of the week last reported upon. During the early days of the week as high as 17 cases per day was reached. Toward the close of the week the number

of new cases fell to 3 per day, which shows a most decided improvement in the cholera situation in the city of Manila.

In the Mariquina Valley, where 45 cases and 43 deaths were reported for the preceding week, only 3 cases and 2 deaths occurred. There has also been a decided fall in the number of cases reported from the Provinces of Bulacan and Pampanga.

It is noteworthy that many of the cases that occurred during the latter half of the week in Manila were in persons who were afflicted at the time with some other disease. For instance, one case occurred in a Spaniard, who was convalescent from typhoid fever; another in a case of amoebic dysentery; another in a person who had adenitis of the glands of the neck, and another had beriberi. There was also a case in a 13-month-old American child, which subsisted entirely upon milk taken by means of a nursing bottle. A careful investigation was made of this case. In so far as could be ascertained the child received no other food, which would strongly indicate that the canned condensed milk, or the water with which it was mixed, became contaminated by means of flies, especially in view of the fact that the case took place in a large hotel and that no other persons who took meals in the hotel building contracted the disease.

Among the personnel of the steamer *Romulus*, of which mention was made last week, no further cases developed after disinfection at the Cebu quarantine station. Accordingly, the vessel was released January 15.

Vessels clearing for United States ports were granted consular bills of health as follows: January 16, the U. S. army transport *Thomas*, with 189 in the crew, 98 cabin passengers and 925 steerage passengers, was granted a bill of health for San Francisco via Nagasaki and Honolulu. The crew and steerage passengers were bathed and their effects and baggage disinfected. All were held in quarantine at Mari-veles for two days from time of leaving Manila. The cargo and baggage were either disinfected, or passed after inspection. The vessel was partially disinfected. All persons on board, total 1,212, were inspected just prior to sailing.

Week ended January 25:

During the week there were 41 cases of cholera with 37 deaths at Manila, a decided fall, there being an actual reduction of 32 cases from the number reported for the previous week. Only 1 case was reported on the city watershed, and during the last 4 days no case was reported in that locality.

An investigation of the city sewers shows that at least one of the main lines is cholera-infected.

Consular bills of health were issued as follows: January 20 the British steamship *Indrapura*, with 73 in the crew, en route from Hong-kong to New York and Boston via Cebu, was granted a supplemental bill of health, after inspection of personnel and cargo. January 20 the British steamship *Taisang*, with 73 crew and 6 passengers, en route from Amoy to Iloilo, was granted a supplemental bill of health. The crew and steerage passengers were bathed and their effects disinfected at Mariveles on arrival at Manila. The personnel was inspected at the hour of sailing.

Week ended February 1, 1908.

Thirteen cases of cholera with 10 deaths were reported.

There has been still a further decrease in the number of cholera cases reported in the city of Manila for the week covered by this report from the numbers reported for the preceding weeks, which were respectively as follows: January 11, 45 cases; January 18, 73 cases; January 25, 41 cases.

There has, however, been an increase in the number of cases reported from the provinces, particularly those provinces which are along the railroad line leading out of the city of Manila.

In the province of Zambales a rather severe outbreak has occurred, there having already been 158 cases and 108 deaths reported.

The laboratory work and investigation of the sewers and esteros of the city of Manila have been actively continued, and cholera organisms have been found in these sewage conduits in various parts of the city.

Owing to the improvement in the cholera situation in and about Manila it was deemed advisable to modify the outgoing interisland quarantine regulations. Vessels proceeding to ports at which Service officers are stationed are not detained; also those which go to ports which are easily accessible by land.

Smallpox on vessels from ports in Japan.—The severe outbreak of smallpox which occurred recently in Japan, and more particularly in and about Kobe, made itself known here by the arrival of two vessels with smallpox patients aboard. The first was the steamship *Benvorlich*, which arrived January 23, 1908, from Kobe via Yokohama. Upon reaching the Philippine Islands the boatswain was found to be in the pupular stage of the disease. He was immediately removed to the hospital of the Mariveles quarantine station, where he died January 30, 1908. The vessel was thoroughly disinfected. All persons on board were bathed and vaccinated, their effects disinfected, and the vessel allowed to load cargo in quarantine. On January 26, 1908, the large passenger steamship *Nikko Maru*, which plies between Australia, Japan, and the Philippines, was found on arrival to have three persons on board afflicted with smallpox. These were removed and the usual measures of disinfection and vaccination, prescribed by the regulations, were rigidly carried out, after which the vessel proceeded on her voyage to Australia.

Vessels were granted consular bills of health as follows: January 30, the British steamship *Nord*, with 55 crew, en route from Singapore to Iloilo and Cebu, was granted a supplemental bill of health, after the usual inspection. January 30, the British steamship *Croyden*, with 33 crew, en route from Norfolk to Iloilo and Cebu, was granted a supplemental bill of health, all persons on board being inspected at the hour of sailing. February 1, the British steamship *Erroll*, with 44 crew and 5 passengers, en route from Yokohama to New York, was granted a supplemental bill of health, after the usual inspection of cargo and personnel.

Quarantine transactions in the Philippine Islands during the month of December, 1907.

PORT OF MANILA.

Bills of health issued.....	293
Vessels inspected.....	275
Passengers on arriving vessels inspected.....	6,118
Persons vaccinated.....	110

Members of crews on arriving steamships inspected.....	9, 146
Members of crews on arriving sailing vessels inspected.....	699
Persons bathed and effected disinfected.....	519
Steamships partially disinfected.....	4
Steamships fumigated to exterminate vermin.....	3
Sailing vessel fumigated to exterminate vermin.....	1
Pieces of baggage disinfected.....	692
Pieces of baggage inspected and passed.....	182

[Outgoing.]

Steamships sailing without quarantine inspected and passed.....	182
Sailing vessels sailing without quarantine inspected and passed.....	69
Steamships disinfected.....	2
Members of crews on vessels inspected.....	7, 163
Passengers on vessels inspected.....	4, 991
Members of crews bathed and effects disinfected.....	128
Passengers bathed and effects disinfected.....	398
Pieces of baggage disinfected.....	1, 141
Pieces of baggage inspected and passed.....	1, 796
Pieces of miscellaneous cargo certified.....	11, 814

PORT OF ILOILO.

Bills of health issued.....	9
Vessels inspected.....	74
Passengers on arriving vessels inspected.....	993
Members of crews on arriving steamships inspected.....	1, 855
Members of crews on arriving sailing vessels inspected.....	234

PORT OF CEBU.

Bills of health issued.....	12
Vessels inspected.....	139
Passengers on arriving vessels inspected.....	1, 595
Members of crews on arriving steamships inspected.....	3, 586
Members of crews on arriving sailing vessels inspected.....	224
Steamship fumigated to exterminate vermin.....	1
Sailing vessels fumigated to exterminate vermin.....	4

PORT OF CAVITE.

Bills of health issued.....	2
-----------------------------	---

PORT OF OLONGAPO.

No transactions.

PORT OF ZAMBOANGA.

Vessels inspected.....	12
Passengers on arriving vessels inspected.....	382
Members of crews on arriving steamships inspected.....	826
Members of crews on arriving sailing vessels inspected.....	14

PORT OF JOLO.

Number of vessels inspected.....	2
Passengers on arriving vessels inspected.....	28
Members of crews on arriving steamships inspected.....	84

VENEZUELA.

Yellow fever present at Ciudad Bolivar.

The following is received from the Department of State, under date of March 6:

A telegram has been received from the Consul at Port of Spain, dated the 4th instant, which reads as follows: "From information

at hand we believe yellow fever exists at Ciudad Bolivar in mild form. One death February 26." (See Public Health Reports, March 6, 1908, p. 291.)

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—
UNTABULATED.

AFRICA—*Zanzibar*.—Seven days ended January 7, 1908. Estimated population, 75,000. Total number of deaths, 17, including 6 from tuberculosis.

ALGERIA—*Algiers*.—Month of January, 1908. Estimated population, 155,000. Total number of deaths, 302, including 4 from enteric fever, 2 from diphtheria, and 65 from tuberculosis.

AUSTRALIA—*Adelaide*.—Two weeks ended December 28, 1907. Estimated population, 385,459. Total number of deaths, 140, including diphtheria 2 and 2 from enteric fever.

New South Wales—Sydney.—Month of December, 1907. Estimated population, 538,500. Total number of deaths, 548, including diphtheria 3, enteric fever 11, measles 4, whooping cough 5, scarlet fever 2, and 55 from tuberculosis.

BAHAMAS—*Dunmore Town*.—Two weeks ended February 22, 1908. Estimated population, 1,232. Four deaths. No deaths from contagious diseases reported.

BRAZIL—*Ceara*.—Month of January, 1908. Estimated population, 50,000. Total number of deaths, 103, including 6 from whooping cough.

CANADA—*Niagara Falls*.—Month of February, 1908. Estimated population, 9,500. Total number of deaths, 18, including diphtheria 1, and 2 from enteric fever.

Quebec—Sherbrooke.—Month of February, 1908. Estimated population, 14,700. Total number of deaths, 22, including diphtheria 2, and 2 from tuberculosis.

COSTA RICA—*San Jose*.—Month of January, 1908. Estimated population, 25,525. Total number of deaths, 55, including enteric fever 1, whooping cough 1, measles 1, and 2 from tuberculosis.

FRANCE—*Nice*.—Month of December, 1907. Estimated population, 150,881. Total number of deaths, 204, including diphtheria 1, enteric fever 2, whooping cough 1, and 33 from tuberculosis.

St. Etienne.—Two weeks ended February 15, 1908. Estimated population, 150,000. Total number of deaths, 149, including enteric fever 1, diphtheria 4, measles 5, and 16 from tuberculosis.

GERMANY—*Weimar*.—Month of January, 1908. Estimated population, 31,127. Total number of deaths, 37, including enteric fever 1, and 1 from tuberculosis.

GIBRALTAR.—Two weeks ended February 16, 1908. Estimated population, 27,385. Total number of deaths, 15.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 76 great towns in England and Wales during the week ended February 15, 1908, correspond to an annual rate of 18.6 per 1,000 population, which is estimated at 16,234,952.

London.—One thousand seven hundred and fifty-two deaths were registered during the week, including measles 23, scarlet fever 16, diphtheria 12, enteric fever 4, whooping cough 36, tuberculosis 205, and 12 from diarrhea. The deaths from all causes correspond to an annual rate of 19.0 per 1,000. In Greater London 2,394 deaths were registered. In the "outer ring" the deaths included 4 from measles, 1 from scarlet fever, 4 from diphtheria, and 6 from whooping cough.

Salford.—Two weeks ended February 15, 1908. Estimated population, 236,670. Total number of deaths, 214, including diphtheria 10, measles 9, scarlet fever 2, whooping cough 8, and 18 from phthisis pulmonalis.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 15, 1908, in the 21 principal town districts of Ireland was 25.2 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Dundalk, viz, 4.0 and the highest in Queenstown, viz, 46.1 per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended February 15, 1908, correspond to an annual rate of 21.4 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Perth, viz, 29.6, and the lowest in Aberdeen, viz, 14.3 per 1,000. The aggregate number of deaths registered from all causes was 755, including diphtheria 8, enteric fever 1, measles 55, scarlet fever 7, and 18 from whooping cough.

GREECE—*Patras.*—Fifteen days ended February 15, 1908. Estimated population, 42,500. Total number of deaths, 21, including enteric fever 1, and 9 from tuberculosis.

JAPAN—*Formosa.*—Two weeks ended January 25, 1908. Estimated population, 3,050,004. Total number of deaths not reported. Two deaths from enteric fever, 1 from diphtheria, and 9 from plague reported.

MAURITIUS—*Port Louis.*—Month of November, 1907. Total number of deaths, 1,076, including enteric fever 3, measles 10, plague 31, and 59 from tuberculosis.

ST. HELENA.—Four weeks ended February 1, 1908. Estimated population, 3,500. No deaths reported.

WEST INDIES—*Curaçao.*—Two weeks ended February 21, 1908. Estimated population, 31,600. Total number of deaths, 10. No deaths from contagious diseases reported.

Cholera, yellow fever, plague, and smallpox reported from December 28, 1907, to March 13, 1908.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

[For reports received from June 28, 1907, to December 27, 1907, see PUBLIC HEALTH REPORTS for December 27, 1907.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Hedjaz, general	Dec. 13-Jan. 19	4,944	4,301	
Abou Ali	Dec. 31-Jan. 9	65	45	
Abou-Saad (Djeddah)	Dec. 21-29	128	53	
Djeddah	Dec. 10-Jan. 9	28	27	26 cases and 19 deaths from ss. Nivernais from Dec. 27-Jan. 5, 8 cases to Nov. 23.
Kamaran	Dec. 2-7	3	2	
Medina	Dec. 18-Jan. 7	284	219	
Mekka	Dec. 21-Jan. 9	1,473	1,160	
Yembo	Dec. 20-Jan. 3	255	160	
Ceylon:				
Colombo	Nov. 24-30		1	
China:				
Hongkong	Oct. 27-Nov. 2	3	7	Imported from Singapore.
India:				
Bombay	Dec. 4-Jan. 21		8	
Calcutta	Nov. 17-Jan. 18		654	
Cochin	Oct. 26-Jan. 10		96	
Madras	Dec. 1-Jan. 31		40	
Negapatam	Nov. 16-Dec. 27		8	
Rangoon	Nov. 11-Jan. 25		93	
Tuticorin	Nov. 30-Jan. 10		365	
Japan:				
De Vries (Oshima) Island	Dec. 3	5		
Ibaraki	Nov. 27	1		
Kanagawa	Dec. 1-2	4		
Kobe	Nov. 17-Dec. 7	14	5	
Moji	Oct. 20	1	1	From ss. Tamba Maru.
Nagasaki	Nov. 18-Jan. 19	3	1	Report received out of date gives to Nov. 30, 248 cases and 148 deaths additional.
Osaka	Dec. 8-21	7	6	
Shinagawa	Nov. 27			Present on 2 Japanese torpedo-boat destroyers.
Tokushima	Nov. 27	27	22	
Tokyo	Nov. 28-Dec. 3	200	62	
Yokohama	Oct. 27-Dec. 16	9	8	
Korea:				
Seoul	Jan. 1-Dec. 12	35		In Japanese colony. Mainly in September and October.
Philippine Islands:				
Cebu Quarantine Station	Jan. 2-11	4	1	From ss. Romulus.
Manila	Nov. 10-Feb. 1	237	190	Second quarter, calendar year 1907, no cases and no deaths; third quarter, 80 cases, 71 deaths.
Mariquina	Jan. 4-18	48	45	Second quarter, calendar year 1907, no cases, no deaths.
Provinces				Present.
Bulacan	Dec. 7-Jan. 18			
Leyte				
Carigara	July 1-Sept. 30	86	77	Dec. 7, again present.
Barugo	July 1-Sept. 30	10	10	
Masbate				
Mandaon	July 1-Sept. 30	53	42	
Pampanga	Dec. 7-Jan. 18			Present.
Zambales	Jan. 26-Feb. 1	158	108	
Russia, general				
Akmolinsk	Nov. 7-Jan. 7	732	416	
Baku	Nov. 7-12	19	24	
Ekaterinslaw	Nov. 7-12	18	12	
Kief	Nov. 7-12	32	15	Including city of Rostow.
Kief	Nov. 19-Dec. 25	100	18	
Kuban	Jan. 7	1		
Kursk, Govt. dist.	Nov. 7-12	32	12	Including Woronesch.
Minsk	Nov. 7-12	2	1	
Moscow	Nov. 7-12	7	8	In industrial district.
Samara, Govt. dist.	Nov. 7-Jan. 7	42	25	
Tobolsk	Nov. 7-12	112	79	
Tomsk, Govt. dist.	Nov. 7-Jan. 14	71	26	
Tschernigov and Poltava	Nov. 7-12	25	14	
Volga, middle dist.	Nov. 7-12	47	22	

^a Report received out of date.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Perlis	Oct. 19.....	.....	.....	Present.
Turkey in Asia:				
Khorassan.....	Nov. 10-Dec. 4....	4	4	
Sinope.....	Dec. 6-8.....	3	4	
Turkey in Europe:				
Constantinople.....	Jan. 4-26.....	.....	11	

YELLOW FEVER.

Brazil:				
Manaos.....	Nov. 24-Feb. 15....	.....	36	Report for Jan. 18 not yet received.
Para.....	Dec. 1-Feb. 22....	199	124	
Rio de Janeiro.....	Nov. 18-24.....	2	1	
Cuba:				
Habana Province—				
Habana.....	Feb. 4-6.....	2	.....	Week ended Jan. 18, 2 cases reported in Habana Province; localities not specified.
Guanamou.....	Jan. 16-17.....	2	1	
Guines.....	Dec. 23-27.....	1	1	From Palos.
Matanzas Province—				
Cardenas.....	Feb. 14.....	1	1	From ss. Britannic.
Santa Clara Province—				
Cienfuegos.....	Dec. 29-Jan. 24....	10	5	Case Dec. 31 from Palmira; case Jan. 8 from schr. Mercedesita; 1 case Jan. 8 from Rodas; Jan. 14, 1 case at Hanabanilla and 1 case at Central Plantation, Jaragua.
Palmira.....	Dec. 31-Jan. 19....	3	1	
Rodas.....	Dec. 30-Jan. 6....	1	1	
Santa Clara.....	Jan. 6-Feb. 28....	7	1	
Santiago Province—				
Santiago.....	Jan. 15-Feb. 20....	2	1	
Ecuador:				
Guayaquil.....	Dec. 1-Feb. 8....	.....	21	
Huigra.....	Feb. 5-11.....	.....	4	
Guatemala:				
Chiquimula.....	Dec. 13-Jan. 9....	.....	.....	Present on R. R. from Puerto Barrios to Guatemala City.
Zacapa.....	Jan. 27.....	.....	.....	Present. Also present in Nov. and Dec.
Venezuela:				
Ciudad Bolivar.....	Jan. 27.....	.....	.....	Do.
La Guaira.....	Feb. 26.....	.....	1	Present in January.
West Indies:				
Barbados—				
Bridgetown.....	Nov. 17-Feb. 1....	.....	.....	Present.
Trinidad.....	Dec. 4-Feb. 16....	5	3	In vicinity.
.....	Jan. 5-Feb. 1....	7	6	

PLAGUE.

Africa:				
Algeria—				
Bône.....	Nov. 15.....	1	.....
Philippeville.....	Oct. 19-Nov. 2....	7	.....
British Gold Coast—				
Accra.....	To Jan. 13.....	.....	.....	And vicinity, present.
Egypt:				
Alexandria.....	Nov. 28-Feb. 6....	12	8	
Damietta.....	Dec. 22-28.....	1	.....
Port Said.....	Dec. 8-14.....	1	.....
Provinces—				
Assiout.....	Dec. 12-Feb. 6....	77	50	
Dakahlieh.....	Dec. 4-17.....	3	2	
Fayoum.....	Jan. 24-Feb. 1....	2	1	
Garbieh.....	Dec. 4-Feb. 2....	6	4	
Girgneh.....	Feb. 4-6.....	23	18	
Minieh.....	Dec. 17-Feb. 2....	21	9	
Portuguese East Africa—				
Lourenço Marquez....	Nov. 24-Dec. 12....	8	5	
Tunis—				
Bizerta.....	Nov. 30.....	1	.....
Kairwan.....	Nov. 30.....	3	2	
Tunis.....	Nov. 30.....	1	.....

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Australia:				
Brisbane	Jan. 3	1	1	
Cairns	Nov. 23-30	1	1	
Sydney	Dec. 29-Jan. 4	2		
Brazil:				
Bahia	Nov. 2-Feb. 1	33	30	
Pernambuco	Dec. 1-15		2	
Rio de Janeiro	Nov. 18-Feb. 1	61	13	
Santos	Dec. 9-15		1	
Chile:				
Antofagasta	Jan. 12-26	8	3	
Arica	Dec. 14-Jan. 31			Present in vicinity.
Valparaiso	Dec. 8-14	1	1	
China:				
Amoy (Kulangsu)	Nov. 10-23			Present.
Hongkong	Oct. 27-Jan. 25	10	10	
Hwang-Hien	Jan. 16	4		
Tengchow	Jan. 16	1		
Ecuador:				
Guayaquil	Feb. 13-17	3	2	
Great Britain:				
Glasgow	Aug. 17-31	1	1	Received out of date.
Hawaii:				
Hilo	Feb. 22	1	1	
India:				
Bombay Presidency and Sind	Nov. 10-Jan. 4	20,645	15,363	
Madras Presidency	Nov. 10-Jan. 4	1,048	842	
Bengal	Nov. 10-Jan. 4	1,817	1,386	
United provinces	Nov. 10-Jan. 4	2,668	2,317	
Punjab	Nov. 10-Jan. 4	2,799	2,419	
Burma	Nov. 10-Jan. 4	689	636	
Central provinces, including Berar	Nov. 10-Jan. 4	1,616	1,155	
Coorg	Dec. 29-Jan. 4	1		
Mysore State	Nov. 10-Jan. 4	3,674	2,837	
Hyderabad State	Nov. 10-Jan. 4	1,377	914	
Central India	Nov. 10-Jan. 4	973	558	
Rajputana	Nov. 10-Jan. 4	1,377	812	
Kashmir	Nov. 10-Jan. 4	12	7	
Northwest frontier province	Nov. 10-Jan. 4	88	62	
Total for India		38,784	29,308	
Japan:				
Formosa	Jan. 5-Feb. 18	16	15	
Nagasaki	To Nov. 30	36	23	
Nushima Island	Jan. 4			Present.
Osaka	Nov. 17-Jan. 18	266	252	
Peru:				
Callao	Dec. 5-Jan. 22	7	3	
Catacaos	Dec. 12-Jan. 30	13	17	
Chepen	Jan. 24-30	2	1	
Chosica	Nov. 21-Jan. 30	4	1	
Eten	Jan. 16-22	9	3	
Ferrenale	Jan. 16-22	1		
Jequetepeque	Dec. 12-31	2	1	
Lambayeque	Jan. 24-30	2		
Lima	Nov. 21-Jan. 30	39	24	
Matucana	Nov. 28-Dec. 4	2		
Paita	Nov. 21-Jan. 30	71	58	
Piura	Nov. 21-Jan. 30	22	16	
San Geronimo	Dec. 19-25	11		
San Pedro	Jan. 24-30	1	1	
Trujillo	Nov. 21-Jan. 30	98	48	
Straits Settlements:				
Singapore	Nov. 10-16		2	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Africa:				
Algeria—				
Algiers	Nov. 1-30	2		
British South Africa—				
Bloemfontein	Oct. 1-31	1		
Cape Town	Nov. 17-Dec. 7	3		
East London	Jan. 5-18	8	1	
Egypt, general	Nov. 4-Jan. 14	114	36	Report from Oct. 22 to Nov. 4, and from Nov. 12 to Dec. 24 not yet received.
Cairo	Dec. 15-Jan. 28	3	2	
Suez	Jan. 1-14	3		
Arabia:				
Aden	Feb. 11		23	From pilgrim ships.
Argentina:				
Rosario	Sept. 1-Oct. 31		4	
Austria:				
Bohemia	Jan. 19-25	3		
Gallcia	Dec. 8-Feb. 8	25		
Küstenland	Dec. 8-15	1		Imported.
Silesia	Jan. 27-Feb. 1	2		
Australia:				
New South Wales—				
Newcastle	Dec. 1-31	1		
Belgium:				
Ghent	Dec. 8-14		1	
Brazil:				
Bahia	Nov. 2-Feb. 1	373	4	
Para	Dec. 1-Feb. 15	64	32	
Pernambuco	Oct. 16-Dec. 31		372	Report from Oct. 1-15 not yet received.
Rio de Janeiro	Nov. 18-Feb. 1	293	114	
Santos	Dec. 2-8		1	
Canada:				
British Columbia—				
Vancouver	July 1-Dec. 31	5		
Manitoba—				
Winnipeg	Dec. 22-Feb. 22	38		
New Brunswick—				
Alma	Jan. 23			Present.
Fox Creek	Mar. 2	10		
Moncton	Feb. 1-23			Do.
Nova Scotia—				
Halifax	Dec. 15-Feb. 8	4		
Ontario Province	Dec. 19			Outbreak reported in several places.
Belleville	Dec. 17-23	4		
Hamilton	Jan. 1-31	13		
Toronto	Jan. 5-Feb. 11	17		
China:				
Amoy (Kulangsu)	Nov. 10-Jan. 25			Present.
Foochow	Jan. 12-18			Do.
Hankow	Dec. 15-Jan. 25	2		Imported.
Hongkong	Nov. 10-Jan. 25	57	50	
Shanghai	Nov. 18-Jan. 26	35	128	
Ecuador:				
Guayaquil	Dec. 1-Feb. 8		30	
France:				
Brest	Dec. 30-Feb. 8	10	2	
Marseille	Dec. 1-Jan. 31		17	
Paris	Dec. 1-Feb. 28	97	3	
Germany:				
General	Nov. 17-Jan. 25	3		
Great Britain:				
Edinburgh	Jan. 12-Feb. 8	10	1	
Leith	Dec. 28-Feb. 8	23	4	
Hawaii:				
Honolulu	Jan. 18	1		From ss. Hongkong Maru.
India:				
Bombay	Dec. 4-Feb. 4		61	
Calcutta	Nov. 17-Jan. 18		29	
Madras	Dec. 14-Jan. 24		12	
Italy:				
General	Dec. 6-Feb. 13	918		
Catania	Dec. 27-Jan. 2		1	
Genoa	Dec. 1-Jan. 31	5		
Messina	Dec. 22-28			Present.
Naples	Feb. 2-8	4		

a Cases among foreigners; deaths among natives.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				Present in Hyogo, Kanagawa Kagawa, and Ibaraki Kena.
Formosa	Feb. 11-18.	4		
Kobe	Nov. 17-Feb. 1.	3,833	1,095	Case Dec. 7 on W. H. Talbot, sailing vessel.
Nagasaki	Nov. 30-Feb. 9.	13	5	
Osaka	Jan. 19-25.	204	135	13 cases, 4 deaths daily, estimated, from Jan. 14-18.
Tokyo	Feb. 1-8	300		
Yokohama	Nov. 28-Feb. 10.	205	59	
Java:				
Batavia	Nov. 10-Jan. 25.	22	1	
Korea:				In Japanese colony.
Seoul	Jan. 1-Mar. 1	21		
Malta	Dec. 1-Jan. 25.	30	2	
Manchuria:				
Dalny	Jan. 5-25	6		
Mexico:				
Aguascalientes	Dec. 9-Mar. 1		34	
Manzanillo	Dec. 1-31	2		
Mexico City	Nov. 17-Feb. 8.		9	
Monterey	Dec. 23-Feb. 23		6	
Nuevo Laredo	Jan. 28-Feb. 4.	2		
Netherlands, The:				
Rotterdam	Jan. 5-25	3		
Panama:				
Colon	Dec. 8.	1		From ss. Atrato.
Persia:				
Hamadan	Oct. 7-Nov. 1			Present.
Ooroomeyah	Nov. 4			Do.
Seistan	Oct. 7.			Do.
Shiraz	Oct. 7-Nov. 4			Do.
Teheran	Nov. 4			Do.
Tourbet-I-Hidari	Oct. 7-Nov. 1			Do.
Peru:				
Callao	Nov. 20-Feb. 2	3	2	
Lima	Dec. 2-Feb. 2			Present. Dec. 31, 19 cases in hospital.
Philippine Islands:				
Manila	Sept. 22-Jan. 26.	13	1	Jan. 23-30, 1 case and 1 death from ss. Benvorlich; Jan. 26, 3 cases from ss. Nikku Maru, in Marivales quarantine station.
Portugal:				
Lisbon	Dec. 8-Feb. 8.	12		
Russia:				
Batoum	Nov. 14-Jan. 13	38		
Libau	Jan. 19-Feb. 1.	2		
Moscow	Nov. 24-Feb. 1.	188	61	
Odessa	do	29	12	
Riga	Dec. 1-Feb. 1.	40	8	8 deaths in October received out of date.
St. Petersburg	Dec. 1-Jan. 4	62	10	
Warsaw	Oct. 13-Dec. 14		162	
Siberia:				
Vladivostok	Nov. 22-28	4		
Spain:				
Barcelona	Jan. 10-Feb. 10.		4	
Cadiz	Nov. 1-Jan. 31.		16	
Denia	Dec. 22-Feb. 8.	31	3	
Madrid	Nov. 1-30		1	
Malaga	do		15	Report for October not yet received.
Seville	do		1	
Valencia	Dec. 2-Feb. 9.	257	37	
Vigo	Dec. 30-Jan. 18.		5	
Straits Settlements:				
Singapore	Dec. 30-Jan. 4		1	
Turkey in Asia:				
Bagdad	Nov. 3-Jan. 18.	351	74	
Turkey in Europe:				
Constantinople	Dec. 2-Feb. 9.		31	
Kavak	Dec. 26.			Present.
Venezuela:				
Caracas	Dec. 9-Jan. 4	60		To Jan. 3, 3,000 cases, estimated.
La Guaira	Nov. 10-Jan. 4	25		Estimated.

Mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Aberdeen	Feb. 15	174,579	49										3
Aix-la-Chapelle	Feb. 1	157,431	63	6									1
Alexandretta	Feb. 8	15,000	5										
Antwerp	do	312,571	95	1									
Athens	Feb. 15	167,479	13						2				1
Baracca	do	27,000	2										1
Do	Feb. 22	27,000	2										
Barmen	Feb. 8	160,200	46	7							1		
Do	Feb. 15	160,200	43	10									
Barranquilla	Feb. 8	40,000	13	3						1			
Do	Feb. 15	40,000	15	2						3			
Basel	Feb. 8	128,530	41	6									
Belfast	Feb. 15	380,344	206	36								1	10
Belize	Feb. 27	9,113	10	1						3	1	17	18
Berlin	Feb. 1	2,116,224	744	93						3	1	17	18
Birmingham	Feb. 15	558,536	232							2	4	2	10
Bluefields	do	2,500	1										17
Bombay	Feb. 4	977,822	721	52	35			8		1		1	14
Bordeaux	Feb. 15	253,000	118	11						1		2	2
Bradford	Jan. 4	292,136	77	2								1	2
Do	Jan. 11	292,136	98	10									1
Do	Jan. 18	292,136	104	6						1	1		3
Do	Jan. 25	292,136	78	8								1	1
Do	Feb. 1	292,136	95	8						1			2
Do	Feb. 8	292,136	83	1							1		1
Bremen	Jan. 25	227,296	92	5							4		1
Do	Feb. 1	227,296	117	12							4		2
Do	Feb. 8	227,296	92	6							4		1
Breslau	Dec. 28	335,186	166	21						2	1	5	2
Do	Jan. 4	335,186	200	35							1	3	6
Do	Feb. 1	335,186	249	30							6	1	2
Bristol	Feb. 15	372,785	155									6	2
Budapest	Jan. 25	804,200								3	1	2	
Do	Feb. 1	804,200								2	1	1	3
Do	Feb. 8	804,200								2	1		1
Calcutta	Jan. 18	847,796	628	25	13	27		8					2
Cardiff	Feb. 15	191,446	70	5						1		2	
Catania	Feb. 20	160,000	93	3				1		1			
Chemnitz	Feb. 1	268,088	107	16						3	1		1
Do	Feb. 8	268,088	119	10							1		1
Cienfuegos	Feb. 22	37,000	20	2									
Coburg	Feb. 15	23,247	7										
Cognac	do	19,483	10										
Cologne	Feb. 1	458,037	224	15						8	4	14	2
Do	Feb. 8	458,037	182	22						2	6	9	
Do	Feb. 15	458,037	172	20						5	4	13	
Colombo	Jan. 18	180,262	109	8						8			
Colon	Feb. 16	16,000	9										
Do	Feb. 23	16,000	11	1									
Copenhagen	Feb. 1	440,000	176	17								3	5
Crefeld	do	127,581	48	5								1	
Do	Feb. 8	127,581	51	5								1	2
Dresden	do	538,000	227	30						3	7		
Dundee	Feb. 15	168,616	73							1	1	1	1
Durban	Jan. 25	60,972	11	1									
Fiume	Jan. 29	49,000	53	12									
Fort-de-France	Feb. 15	27,069	17										
Do	Feb. 22	27,069	14										
Frankfort-on-the-Main	Feb. 1	354,000	111							7	1		1
Do	Feb. 8	354,000	94								1		2
Frontera	do	9,000	2										
Do	Feb. 15	9,000	5										
Funchal	Feb. 16	44,049	25	3						2			
Ghent	Jan. 25	165,033	103	12						1			3
Do	Feb. 1	165,033	89	6								2	1
Do	Feb. 8	165,033	80										
Glasgow	Feb. 21	859,715	377							1			
Greenock	Feb. 15	71,783	24							1	3	5	47
Hamburg	do	854,472	255	21						2	3	3	1
Hamilton, Bermuda	Feb. 24	20,206	4										5
Do	Mar. 2	20,206	5										

a Received out of regular order